



Utah Division of Solid and Hazardous Waste

Solid Waste Management Program

Mailing Address
P.O. Box 144880
Salt Lake City, Utah 84114-4880

Office Location
288 North 1460 West
Salt Lake City, Utah 84116

Phone (801) 538-6170
Fax (801) 538-6715
www.deq.utah.gov

APPLICATION FOR A PERMIT TO OPERATE A CLASS I OR CLASS V LANDFILL

Please read the instructions that are found in the document, INSTRUCTIONS FOR APPLICATION FOR A PERMIT TO OPERATE A CLASS I OR CLASS V LANDFILL. This application form shall be used for all Class I or V solid waste disposal facility permits, modifications, and changes in ownership. Part I GENERAL INFORMATION must accompany the permit application. Part II, APPLICATION CHECKLIST, is provided to assist applicants and, if included with the application, will assist review. **Please note** the version date of this form found on the lower right of this page; if you have received this form more than six months after this date it is recommended you contact our office at (801) 538-6170 or check the forms found on the Division web page at:

<http://www.hazardouswaste.utah.gov/SWBranch/SWSection/SolidWasteSection.htm>

to determine if this form is still current. An application form obtained from the Solid Waste Section web page is the most current version. When completed, please return this form and support documents, forms, drawings, and maps to:

Dennis R. Downs, Director
Division of Solid and Hazardous Waste
Utah Department of Environmental Quality
PO Box 144880
Salt Lake City, Utah 84114-4880

Utah Class I and V Landfill Permit Application Form

Part I General Information APPLICANT: PLEASE COMPLETE ALL SECTIONS.										
I. Landfill Type		<input type="checkbox"/> Class I <input type="checkbox"/> Class V		II. Application Type		<input type="checkbox"/> New Application <input type="checkbox"/> Renewal Application		<input type="checkbox"/> Modification <input type="checkbox"/> Change of Ownership		
For Renewal Applications, Changes of Ownership, and Modifications Enter Current Permit Number _____										
III. Facility Name and Location										
Legal Name of Facility										
Site Address (street or directions to site)							County			
City				State		Zip Code		Telephone		
Township		Range	Section(s)		Quarter/Quarter Section			Quarter Section		
Main Gate Latitude		degrees	minutes	seconds		Longitude		degrees	minutes	seconds
IV. Facility Owner(s) Information										
Legal Name of Facility Owner										
Address (mailing)										
City				State		Zip Code		Telephone		
V. Facility Operator(s) Information										
Legal Name of Facility Operator										
Address (mailing)										
City				State		Zip Code		Telephone		
VI. Property Owner(s) Information										
Legal Name of Property Owner										
Address (mailing)										
City				State		Zip Code		Telephone		
VII. Contact Information										
Owner Contact					Title					
Address (mailing)										
City				State		Zip Code		Telephone		
Email Address					Alternative Telephone (cell or other)					
Operator Contact					Title					
Address (mailing)										
City				State		Zip Code		Telephone		
Email Address					Alternative Telephone (cell or other)					
Property Owner Contact					Title					
Address (mailing)										
City				State		Zip Code		Telephone		
Email Address					Alternative Telephone (cell or other)					

Utah Class I and V Landfill Permit Application Form

Part I General Information (Continued)																																																
VIII. Waste Types (check all that apply)		IX. Facility Area																																														
<input type="checkbox"/> All non-hazardous solid waste (see R315-315-7(3) for PCB special requirements) OR the following specific waste types: <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Waste Type</td> <td style="width: 33%;">Combined Disposal Unit</td> <td style="width: 33%;">Monofill Unit</td> </tr> <tr> <td><input type="checkbox"/> Municipal Waste</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/> Construction & Demolition</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/> Industrial</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/> Incinerator Ash</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/> Animals</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/> Asbestos</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/> PCB's (R315-315-7(3) only)</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/> Other _____</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table>		Waste Type	Combined Disposal Unit	Monofill Unit	<input type="checkbox"/> Municipal Waste	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Construction & Demolition	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Industrial	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Incinerator Ash	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Animals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Asbestos	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> PCB's (R315-315-7(3) only)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Other _____	<input type="checkbox"/>	<input type="checkbox"/>	<table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">Facility Area.....</td> <td style="width: 20%; text-align: right;">_____</td> <td style="width: 10%; text-align: right;">acres</td> </tr> <tr> <td>Disposal Area.....</td> <td>_____</td> <td style="text-align: right;">acres</td> </tr> <tr> <td>Design Capacity</td> <td></td> <td></td> </tr> <tr> <td> Years.....</td> <td>_____</td> <td></td> </tr> <tr> <td> Cubic Yards.....</td> <td>_____</td> <td></td> </tr> <tr> <td> Tons.....</td> <td>_____</td> <td></td> </tr> </table>		Facility Area.....	_____	acres	Disposal Area.....	_____	acres	Design Capacity			Years.....	_____		Cubic Yards.....	_____		Tons.....	_____	
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Utah Class I and V Permit Application Checklist

Important Note: The following checklist is for the permit application and addresses only the requirements of the Division of Solid and Hazardous Waste. Other federal, state, or local agencies may have requirements that the facility must meet. The applicant is responsible to be informed of, and meet, any applicable requirements. Examples of these requirements may include obtaining a conditional use permit, a business license, or a storm water permit. The applicant is reminded that obtaining a permit under the *Solid Waste Permitting and Management Rules* does not exempt the facility from these other requirements.

An application for a permit to construct and operate a landfill is the documentation that the landfill will be located, designed, constructed, and operated to meet the requirements of Rules R315-302, R315-303, R315-308, R315-309, and R315-315 of the *Utah Solid Waste Permitting and Management Rules* and the *Utah Solid and Hazardous Waste Act* (UCA 19-6-101 through 123). The application must also meet the requirements of R315-310. The application should be written to be understandable by regulatory agencies, landfill operators, and the general public. The application should also be written so that the landfill operator, after reading it, will be able to operate the landfill according to the requirements with a minimum of additional training.

Copies of the *Solid Waste Permitting and Management Rules*, the *Utah Solid and Hazardous Waste Act*, along with many other useful guidance documents can be obtained by contacting the Division of Solid and Hazardous Waste at 801-538-6170. Most of these documents are available on the Division's web page at www.hazardouswaste.utah.gov. Guidance documents can be found at the Solid Waste Section portion of the web page.

(Note: When the application is determined to be complete, submittal of two or more copies, along with an electronic copy, of the complete application will be required to provide public copies at all public viewing areas.)

Part II Application Checklist

I. Facility General Information	
Description of Item	Location In Document
Completed Part I General information	
General description of the facility (R315-310-3(1)(b))	
Legal description of property (R315-310-3(1)(c))	
Proof of ownership, lease agreement, or other mechanism (R315-310-3(1)(c))	
Area served by the facility including population (R315-310-3(1)(d))	
If the permit application is for a class I landfill a demonstration that the landfill is not a commercial facility	
Waste type and anticipated daily volume (R315-310-3(1)(d))	
Intended schedule of construction (R315-302-2(2)(a))	
Demonstration That The Facility Meets The Location Standards (R315-302-1)	
Land use compatibility	
Maps showing the existing land use, topography, residences, parks, monuments, recreation areas or wilderness areas within 1000 feet of the site boundary	
Certifications that no ecologically or scientifically significant areas or endangered species are present in site area	

Utah Class I and V Permit Application Checklist

I. Facility General Information	
Description of Item	Location In Document
List of airports within five miles of facility and distance to each	
Geology	
Geologic maps showing significant geologic features, faults, and unstable areas	
Maps showing site soils	
Surface water	
Magnitude of 24 hour 25 year and 100 year storm events	
Average annual rainfall	
Maximum elevation of flood waters proximate to the facility	
Maximum elevation of flood water from 100 year flood for waters proximate to the facility	
Wetlands	
Ground water	
Plan of Operations (R315-310-3(1)(e) and R315-302-2(2))	
Forms and other information as required in R3315-302-2(3) including a description of on-site waste handling procedures and an example of the forms that will be used to record the weights or volumes of waste received (R315-302-2(2)(b) And R315-310-3(1)(f))	
Schedule for conducting inspections and monitoring, and examples of the forms that will be used to record the results of the inspections and monitoring (R315-302-2(2)(c), R315-302-2(5)(a), and R315-310-3(1)(g))	
Contingency plans in the event of a fire or explosion (R315-302-2(2)(d))	
Corrective action programs to be initiated if ground water is contaminated (R315-302-2(2)(e))	
Contingency plans for other releases, e.g. explosive gases or failure of run-off collection system (R315-302-2(2)(f))	
Plan to control fugitive dust generated from roads, construction, general operations, and covering the waste (R315-302-2(2)(g))	
Plan for letter control and collection (R315-302-2(2)(h))	
Description of maintenance of installed equipment (R315-302-2(2)(i))	
Procedures for excluding the receipt of prohibited hazardous or PCB containing wastes (R315-302-2(2)(j))	
Procedures for controlling disease vectors (R315-302-2(2)(k))	
A plan for alternative waste handling (R315-302-2(2)(l))	
A general training and safety plan for site operations (R315-302-2(2)(o))	
Any recycling programs planned at the facility (R315-303-4(6))	
Closure and post-closure care Plan (R315-302-2(2)(m))	

Utah Class I and V Permit Application Checklist

I. Facility General Information	
Description of Item	Location In Document
Procedures for the handling of special wastes (R315-315)	
Plans and operation procedures to minimize liquids (R315-303-3(1)(a) and (b))	
Plans and procedures to address the requirements of R315-303-3(7)(c) through (i) and R315-303-4	
Any other site specific information pertaining to the plan of operation required by the Executive Secretary (R315-302-2(2)(p))	
SPECIAL REQUIREMENTS FOR A CLASS V LANDFILL (R315-310-3(2))	
Submit information required by the <i>Utah Solid and Hazardous Waste Act</i> Subsections 19-6-108(9) and 19-6-108(10) (R315-310-3(2)(a))	
Approval from the local government within which the solid waste facility sits	

II Facility Technical Information	
Description of Item	Location In Document
Maps	
Topographic map drawn to the required scale with contours showing the boundaries of the landfill unit, ground water monitoring well locations, gas monitoring points, and the borrow and fill areas (R315-310-4(2)(a)(i))	
Most recent U.S. Geological Survey topographic map, 7-1/2 minute series, showing the waste facility boundary; the property boundary; surface drainage channels; any existing utilities and structures within one-fourth mile of the site; and the direction of the prevailing winds (R315-310-4(2)(a)(ii))	
Geohydrological Assessment (R315-310-4(2)(b))	
Local and regional geology and hydrology including faults, unstable slopes and subsidence areas on site (R315-310-4(2)(b)(i))	
Evaluation of bedrock and soil types and properties including permeability rates (R315-310-4(2)(b)(ii))	
Depth to ground water (R315-310-4(2)(b)(iii))	
Direction and flow rate of ground water (R315-310-4(2)(b)(iv))	
Quantity, location, and construction of any private or public wells on-site or within 2,000 feet of the facility boundary (R315-310-4(2)(b)(v))	
Tabulation of all water rights for ground water and surface water on-site and within 2,000 feet of the facility boundary (R315-310-4(2)(b)(vi))	
Identification and description of all surface waters on-site and within one mile of the facility boundary (R315-310-4(2)(b)(vii))	
Background ground water and surface water quality assessment and, for an existing facility, identification of impacts upon the ground water and surface water from leachate discharges (R315-310-4(2)(b)(viii))	

Utah Class I and V Permit Application Checklist

// Facility Technical Information	
Description of Item	Location In Document
Ground Water Monitoring (R315-303-3(7)(b) and R315-308)	
Statistical method to be used (R315-308-2(7))	
Calculation of site water balance (R315-310-4(2)(b)(ix))	
ENGINEERING REPORT - PLANS, SPECIFICATIONS, AND CALCULATIONS	
Documentation that the facility will meet all of the performance standards of R315-303-2	
Engineering reports required to meet the location standards of R315-302-1 including documentation of any demonstration or exemption made for any location standard (R315-310-4(2)(c)(i))	
Anticipated facility life and the basis for calculating the facility's life (R315-310-4(2)(c)(ii))	
Cell design to include liner design, cover design, fill methods, elevation of final cover including plans and drawings signed and sealed by a professional engineer registered in the State of Utah (R315-303-3(3), R315-303-3(6) and (7)(a), R315-310-3(1)(b) and R315-310-4(2)(c)(iii))	
Leachate collection system design and calculations showing system meets the requirements of R315-303-3(2)	
Equipment requirements and availability (R315-310-4(2)(c)(iii))	
Identification of borrow sources for daily and final cover and for soil liners (R315-310-4(2)(c)(iv))	
Run-On and run-off diversion designs (R315-303-3(1)(c), (d) and (e))	
Leachate collection, treatment, and disposal and documentation to show that any treatment system is being or has been reviewed by the Division of Water Quality (R315-310-4(2)(c)(v) and R315-310-3(1)(i))	
Ground water monitoring plan that meets the requirements of Rule R315-308 including well locations, design, and construction (R315-310-4(2)(b)(x) and R315-310-4(2)(c)(vi))	
Landfill gas monitoring and control plan that meets the requirements of Subsection R315-303-3(5) (R315-310-4(2)(c)(vii))	
Slope stability analysis for static and under the anticipated seismic event for the facility (R315-310-4(2)(b)(i) and R315-302-1(2)(b)(ii))	
Design and location of run-on and run-off control systems (R315-310-4(2)(c)(viii))	
CLOSURE PLAN (R315-310-3(1)(h))	
Closure Plan (R315-302-3(2) and (3))	
Post-Closure Plan (R315-302-3(5) and (6))	
Closure schedule (R315-310-4(2)(d)(i))	
Design of final cover (R315-303-3(4) and R315-310-4(2)(c)(iii))	
Capacity of site in volume and tonnage (R315-310-4(2)(d)(ii))	
Final inspection by regulatory agencies (R315-310-4(2)(d)(iii))	

Utah Class I and V Permit Application Checklist

// Facility Technical Information	
Description of Item	Location In Document
POST-CLOSURE CARE PLAN (R315-310-3(1)(h))	
Site monitoring of landfill gases, ground water, and surface water, if required (R315-310-4(2)(e)(i))	
Changes to record of title, land use, and zoning restrictions (R315-310-4(2)(e)(ii))	
Maintenance activities to maintain cover and run-on/run-off control systems (R315-310-4(2)(e)(iii))	
List the name, address, and telephone number of the person or office to contact about the facility during the post-closure care period (R315-310-4(2)(e)(vi))	
FINANCIAL ASSURANCE (R315-310-3(1)(j))	
Identification of closure costs including cost calculations (R315-310-4(2)(d)(iv)) and (R315-302-2(2)(n))	
Identification of post-closure care costs including cost calculations (R315-310-4(2)(e)(iv))	
Identification of the financial assurance mechanism that meets the requirements of Rule R315-309 and the date that the mechanism will become effective (R315-309-1(1))	